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Pre-School have been finding out about jungle animals and plants. We looked at some that live in water, and we decided to do an experiment to investigate floating and sinking. We predicted which items would float and we talked about their size and weight.

Some of us go swimming so we shared our knowledge of how to float in the pool.



In Science this week, Reception have been listening to the story Jasper's Beanstalk. After, they thought about what plants need to grow and planted their own beans.

We decided an umbrella needs to be waterproof, lightweight and strong. We tested a range of materials to see which one would be the best. We found out that plastic was the best material as it had all the features we were looking for!

Year 1 have been investigating materials and deciding which one would be good to use as an umbrella.



For Science Week, Year 2 carried out an experiment to answer two questions; How do flowers get water? Can we change the colour of the flowers? To find out we set up four different jars; one with plain water which is our control. The other three contained blue, green and red water. We placed white flowers in each jar and observed what happened over the following two days.



We saw a big difference in colour even after only an hour. The colour became deeper everyday of the experiment. This proves that you can change the colour of the flower by changing the colour of the water. It also helps us to understand that the water travels up the stems to the flower.

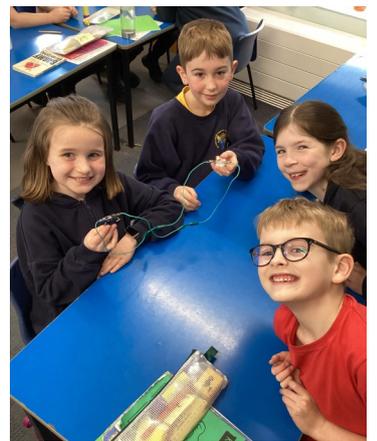


To celebrate Science Week, Year 3 carried out an experiment based on their current topic of plants. In order to see how the stem takes water to the leaves and flower, we put some white roses in coloured water and saw that the next day the colour of the flower had changed! We were amazed at how quickly the experiment worked and it helped us to understand more about the features of plants and why each part is important.

This half term, Year 4 are looking at the Science topic of electricity. So far, the children have been learning about the different parts of a circuit and what is needed in order for the bulb to light up.



This week, the children experimented with adding different components into the circuit and tried to predict whether the circuit would work or not. In the following weeks, we will be learning about conductors and insulators.



Year 5 have been investigating how to separate mixtures using the processes of magnetism, sieving, evaporation and filtration. They worked in pairs to separate 4 different mixtures and then recorded their methods using clearly labelled diagrams.



During Science Week, Year 6 designed and participated in their own experiment. Our current topic, Animals including Humans looks at the different body systems. Our experiment was based on the circulatory system and how our pulse rate increases during exercise to supply blood more quickly to support our muscles.



Pupils decided to measure their resting heart rate and compare this to the rate after exercise. Confidently, pupils found out that their heart rate increased and were able to explain why this happened!